

Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 8. (Canceled)

9. (Currently Amended) An apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal and that is adapted to restrain at least two other a second access points of the plurality of access points from transmitting signals a second signal responsive to the ascertaining that the first access point is receiving the first signal.

10. (Previously Presented) The apparatus of claim 9, wherein the plurality of access points established by the wireless I/O unit are co-located.

11. (Previously Presented) The apparatus of claim 9, wherein the wireless I/O unit operates in accordance with at least one IEEE 802.11 standard.

12. (Previously Presented) The apparatus of claim 9, wherein the signal received by the access point comprises at least one uplinked packet.

13. (Previously Presented) The apparatus of claim 9, wherein the signal received by the access point comprises at least a portion of an uplinked packet.

14. (Previously Presented) The apparatus of claim 13, wherein the at least a portion of the uplinked packet comprises at least part of a preamble of the uplinked packet.

15. (Canceled).

16. (Currently Amended) The apparatus of claim 9, wherein the signal transmission/reception coordination logic restrains at least one other ~~the second~~ access point of the plurality of access points from transmitting a downlink signal responsive to the ascertaining that the first access point of the plurality of access points is receiving the first signal.

17. (Currently Amended) The apparatus of claim 9, wherein the signal transmission/reception coordination logic restrains the at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel.

18. - 19. (Canceled)

20. (Currently Amended) The apparatus of claim 9, wherein the signal transmission/reception coordination logic restrains at least one other ~~the second~~ access point of the plurality of access points while the first access point is receiving the first signal.

21. (Previously Presented) The apparatus of claim 9, wherein each access point of the plurality of access points corresponds to a communication beam of a plurality of communication beams that emanate from the access station.

22. (Previously Presented) The apparatus of claim 9, wherein each access point of the plurality of access points is associated with a medium access controller/baseband unit pair.

23. (Previously Presented) The apparatus of claim 9, wherein the signal transmission/reception coordination logic comprises medium access controller coordination logic.

24. (Previously Presented) The apparatus of claim 23, wherein the medium access controller coordination logic links two or more access stations.

25. (Previously Presented) The apparatus of claim 9, wherein the signal transmission/reception coordination logic affects a baseband unit.

26. (Previously Presented) The apparatus of claim 9, wherein the signal transmission/reception coordination logic affects a radio frequency (RF) part.

27. – 106. (Canceled)

107. (Previously Presented) An apparatus comprising:
a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that:

a first access point of the plurality of access points is receiving a first signal on a first channel,

a second access point of the plurality of access points is receiving a second signal that is ongoing on a second channel, the signal transmission/reception coordination logic adapted to restrain at least a third access point of the plurality of access points from transmitting a third signal on a third channel responsive to the ascertaining that the first access point is receiving the first signal and that the second access point is receiving the second signal that is ongoing-on the second channel,

wherein the restraining at least the third access point prevents degradation to the first and second signals.

108. (Previously Presented) The apparatus of claim 107, wherein the prevented degradation to the first and second signals comprises inter-modulation distortion.

109. (Currently Amended) An apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that restrains transmission from the at least two one access points when another access point is expecting a short-term response to a frame that was transmitted by said another access point.

110. (Previously Presented) The apparatus of claim 109, wherein the short-term response to the frame comprises an immediate response to the frame.

111. (Previously Presented) The apparatus of claim 109, wherein the other access point is also established by the wireless I/O unit of the access station.

112. (Previously Presented) The apparatus of claim 109, wherein the other access point is established by a different access station.

113. (Currently Amended) The apparatus of claim 109, wherein one or more of the at least two one access points and the other access point are operating on a same channel.

114. (Currently Amended) The apparatus of claim 109, wherein one or more of the at least two one access points and the other access point are operating on different channels.

115. (Previously Presented) The apparatus of claim 114, wherein the different channels are adjacent.

116. (Previously Presented) The apparatus of claim 107, wherein the prevented degradation to the first and second signals comprises interference.

117. (New) An apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal on a first channel and that is adapted to restrain at least a second access point of the plurality of access points from transmitting a second signal on a second channel different from the first channel responsive to the ascertaining that the first access point is receiving the first signal.

118. (New) The apparatus of claim 117, wherein the plurality of access points established by the wireless I/O unit are co-located.

119. (New) The apparatus of claim 117, wherein the wireless I/O unit operates in accordance with at least one IEEE 802.11 standard.

120. (New) The apparatus of claim 117, wherein the signal received by the access point comprises at least one uplinked packet.

121. (New) The apparatus of claim 117, wherein the signal received by the access point comprises at least a portion of an uplinked packet.

122. (New) The apparatus of claim 121, wherein the at least a portion of the uplinked packet comprises at least part of a preamble of the uplinked packet.

123. (New) The apparatus of claim 107, wherein the plurality of access points established by the wireless I/O unit are co-located.

124. (New) The apparatus of claim 107, wherein the wireless I/O unit operates in accordance with at least one IEEE 802.11 standard.

125. (New) The apparatus of claim 107, wherein the signal received by the access point comprises at least one uplinked packet.

126. (New) The apparatus of claim 107, wherein the signal received by the access point comprises at least a portion of an uplinked packet.

127. (New) The apparatus of claim 126, wherein the at least a portion of the uplinked packet comprises at least part of a preamble of the uplinked packet.